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1979-83 Book 2

# The Regional Municipality Of Hamilton - Wentworth



## Capital Budget 1979-83

Financial Report





MEMBERS OF REGIONAL COUNCIL

1979 - 1980

CHAIRMAN

MRS. ANNE H. JONES

TOWN OF ANCASTER

Mayor            Mrs. Ann Sloat  
Councillor - Robert E. Wade

TOWN OF DUNDAS

Mayor            - Joseph T. Bennett  
Councillor - John M. Southall

TOWNSHIP OF FLAMBOROUGH

Mayor            - Mrs. Betty Ward  
Councillor - Maxwell Taylor

TOWNSHIP OF GLANBROOK

Mayor            - Donald Weylie  
Councillor - Harold Tossell

TOWN OF STONEY CREEK

Mayor            - Gordon H. Dean  
Councillor - Jack Farnworth

CITY OF HAMILTON

Mayor            - Jack A. MacDonald  
Councillor - Robert Morrow  
Councillor - Vince Agro  
Councillor - James Bethune  
Councillor - Pat Valeriano  
Councillor - Peter Peterson  
Councillor - William McCulloch  
Councillor - Pat Ford  
Councillor - Brian Hinkley

Councillor - Donald Gray  
Councillor - David Lawrence  
Councillor - Reg Wheeler  
Councillor - Fred Lombardo  
Councillor - James Stowe  
Councillor - Henry Merling  
Councillor - James MacDonald  
Councillor - Ken Edge



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THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

REGIONAL ADMINISTRATION

C.T.C. Armstrong	Regional Co-ordinator
I. Calbick	Chief Librarian
W. McM. Carson	Commissioner of Social Services
Dr. A.I. Cunningham	Medical Officer of Health
L. Flemming	Director of Personnel
Mrs. J. Gallipeau	Regional Clerk
H. Kubisch	Administrator, Macassa Lodge
D. Lychak	Commissioner of Planning & Development
J. K. McAully	Commissioner of Finance
R. M. Plant	Regional Solicitor
L. G. Saltmarsh	Fire Co-ordinator
G. Torrance	Chief of Police
W. A. Wheten	Commissioner of Engineering
W. Wingrove	Administrator, Wentworth Lodge

DEPARTMENT OF FINANCE

J. K. McAully, A.C.C.A., I.P.F.A.  
Commissioner of Finance

T. J. Bunce, R.I.A.  
Director of Accounting

H. Mooradian, R.I.A.  
Manager - Capital Programs

J. L. Rinaldo, R.I.A.  
Director of Revenue

D. Jervis, C.D.P.  
Co-ordinator - Systems

B. E. Roe, R.I.A.  
Supervisor of Budgets

A. Charman  
Co-ordinator - Purchasing





THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1979 - 1983 CAPITAL FORECAST

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MEMBERS OF COUNCIL

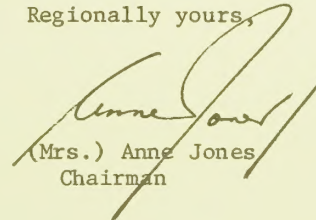
The Capital Budget of the Regional Municipality of Hamilton-Wentworth is our most important financial planning document. If planning of the Region is to proceed in orderly fashion, then it must be within the financial competence of the Region as far as capital financing is concerned. This Capital Budget clearly guarantees that.

From the very beginning of the Region, Regional Councils have endeavoured to control the issuance of debt to the absolute essentials - and it has been a policy of all Councils to perform as much work as possible out of current monies. The decision to do this has proven to be a wise decision - and as a result of it, our credit rating as a Region has improved.

As Chairman, I would like to express appreciation to the Finance Committee - to its Chairman, Councillor James Bethune and Vice Chairman, Councillor Joseph Bennett, for their careful and cautious approach to capital budgeting - for the responsible way in which all of the spending committees have dealt with the recommendations they have made to the Finance Committee. The groundwork done by the Regional staff, particularly Mr. C.T.C. Armstrong, Regional Co-Ordinator, Mr. J.K. McAully, Commissioner of Finance and all department heads, has been excellent and of great assistance to the Council.

I am pleased that the Regional Council continues to plan into the future to provide a high standard of service to taxpayers and at the same time control costs.

Regionally yours,



(Mrs.) Anne Jones  
Chairman



THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1979 - 1983 CAPITAL FORECAST

STATEMENT OF THE COMMISSIONER OF FINANCE

The 1979 - 1983 Capital Forecast was approved by Regional Council on June 19th, 1979 and is the fifth Capital Budget of the Regional Municipality of Hamilton-Wentworth. This forecast continues to reflect the employment of careful planning and control over capital expenditures and has been revised to accommodate the Regional Official Plan proposals approved by the Planning and Development Committee.

The details of this forecast are also intended as supportive material for establishing a capital expenditure quota approved by the Ontario Municipal Board.

This capital expenditure forecast continues the policies of gradual conversion to a pay-as-you-go basis and reflects a reduction in the percentages of revenue that will be considered as being available to support capital programs. These self-imposed limits have effectively controlled the capital program.


In addition, the anticipated revenue growth rate has been reduced from 7% in previous years to 5% this year to reflect Council's intention, as far as possible, to restrict future increases in taxation.

Included also are the quota requirements for the Area Municipalities.

The total combined quota for the Region and Area Municipalities for 1979 - 1983 is \$ 93,232,000 as compared to \$140,690,000 for 1978 - 1982 and reflects the Region's continued adherence to the restraints program imposed by the Provincial Government.

I would like to thank the staff of all Departments for their hard work in the preparation of this Capital Forecast.

Respectfully submitted,

  
J.K. McAully,  
Commissioner of Finance.





THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1979 - 1983 CAPITAL FORECAST

ASSUMPTIONS AND NOTATIONS

(1) Assumptions	Tax Levy	-	Increase per annum	5 percent
	Storm Levy	-	Increase per annum	5 percent
	Sewage Revenue	-	Increase per annum	5 percent
	Water Revenue	-	Increase per annum	5 percent
	Interest Rates	-	Local Improvements	10 percent
	(per annum)	-	Other Municipal and Water	10 percent
		-	Saltfleet Sewer Project	8 percent
		-	Ancaster Sewer Project	8 percent
		-	Sewage Treatment Plant - Phase 11	8 percent
	Term of Debentures	-	Various O,H.A.P. Projects (Interest free loans for 3 years)	15 years
			(Interest free loan for 5 years)	5 years
		-	Municipal Services	15 years
		-	Other Municipal and Water	20 years
		-	Saltfleet Sewer Project	30 years

-	Ancaster Sewer Project	40 years
-	Sewage Treatment Plant - Phase 11	40 years

(2) Notations on Subsidies or Other Receipts

Abbreviations

CL	Capital Levy
CF	Current Funds
CMHC	Central Mortgage & Housing Corp.
	- Loans & Subsidies
CPR	Canadian Pacific Railway & Subsidy
D	Debentures
GRF (GCF)	Grade Crossing Fund
HAM	City of Hamilton
LIP	Local Improvement
LL	Lot Levy
LS	Land Sales
MCSS	Ministry of Consumer & Social Services

Abbreviations

MOE	Ministry of Environment - Loans & Subsidies
MTC	Ministry of Transportation & Communications
	- Special Subsidies
OPFP	Owner's Portion Fire Protection
OWRC	Ontario Water Resources Commission
	- Loan & Subsidies
P	Province - Special Subsidies
RRC	Railroad Contribution
RS	Road Subsidy
SL	Sun Life Assurance Co.
TOA	Town of Ancaster
TOD	Town of Dundas
TSC	Town of Stoney Creek
TR	Transportation Rate
Util.	Utilities
WCPF	Winter Capital Projects Fund

(3) The intended scheduling of the Project is shown in Columns 3 and 4

(4) Reference to Detail Sheets are shown in Code Number (5).





CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
(000's)

D.

SUMMARY

\*\*\*\*\*FINANCING\*\*\*\*\*

Description	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1984 & 1979 After 1983	Author- ized	Contem- plated	1979	1980	1981	1982	1983	
<u>Generally Rated</u>												
Transportation Services - Roads & Bridges	44783	24312	2714	3471	14286	6754	7532	2181	3809	3181	2821	2294
Environmental Services - Sanitation & Waste Disposal	9464				9464	9464		6714	2750			
Social & Family Services - Homes for the Aged	4950	2025	425		2500	500	2000	475	1075	950		
Community Planning & Development - Industrial Development	7401	2475	4794		132		132	132				
Financial Contingency	500				500		500	500				
Financial - Capital Levy		5000			(5000)		(5000)	(1000)	(1000)	(1000)	(1000)	(1000)
Total Generally Rated	67098	33812	7933	3471	21882	16718	5164	9002	6634	3131	1821	1294
<u>General Rate in Hamilton</u>												
Environmental Services - Storm Sewers	31159	13254	4313	4420	9172	3987	5185	2902	920	1090	1210	3050
- Owner's Portion	3487			750	2737	487	2250	662	550	725	500	300
Total General Rate in Hamilton	34646	13254	4313	5170	11909	4474	7435	3564	1470	1815	1710	3350
<u>Sewer Surcharge</u>												
Environmental Services - Sanitary Sewer System	115499	27545	32365	20190	35399	15529	19870	12314	4930	5425	5130	7600
- Owner's Portion	9032		585	700	7747	1769	5978	2305	1050	1692	1600	1100
Total Sewer Surcharge	124531	27545	32950	20890	43146	17298	25848	14619	5980	7117	6730	8700
<u>Water Rates</u>												
Environmental Services - Water Works	38401	4953	7843	1980	23625	9100	14525	6254	5506	3320	4455	4090
- Owner's Portion	7897	500		850	6547	637	5910	1087	1110	1200	1800	1350
Total Water Rates	46298	5453	7843	2830	30172	9737	20435	7341	6616	4520	6255	5440
<u>Lot Levies</u>												
Environmental Services - Sewage & Water	13826	12213	1613									
TOTAL BUDGET	286399	92277	54652	32361	107109	48227	58882	34526	20700	16583	16516	18784



THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1979 - 1983 CAPITAL FORECAST

POLICIES ADOPTED BY REGIONAL COUNCIL

POLICIES ON CAPITAL FINANCING ADOPTED JULY 18, 1975

1. That the Region continues its policy of imposing a Capital Levy of 1/4 Mill equalized and that the Capital Levy be used to finance only those Capital Expenditures that would be part of the General Levy;
2. That the Regional Lot Levy be set aside for specific purposes and that if the full lot levy is charged it be set aside as follows:
  - 25% for General Purposes
  - 25% for Storm Sewers (in the City of Hamilton)
  - 25% for Sanitary Sewers
  - 25% for Water

NOTE: Percentage split was amended by Regional Council July 5, 1977

3. That Water Rates be maintained at a level that will permit all expenditures for Water including Capital Charges to be met from those rates and those surpluses created by Water Rates be set aside only for Water purposes;
4. That the Sewer Surcharge be maintained at a level that will permit all expenditures for Sanitary Sewers including Capital Charges to be met from the Surcharge and that any surplus created by the Surcharge be set aside only for Sanitary Sewer purposes;
5. That the Levy for Storm Sewers be utilized only for Storm Sewer purposes and that all expenditures in respect of Storm Sewers be met from that Levy;

POLICY LIMITING REGIONAL ROADS DEBT, ADOPTED FEBRUARY 3, 1976

6. That no debentures be issued by the Region for road purposes for the existing Regional Roads system.

POLICIES THAT LIMIT DEBT, ADOPTED AUGUST 15, 1978

7. That the Region establish policies that will enable it to limit its annual debt charges for all tax supported services except for Water and Sanitary Sewers and Storm Sewers to 15% of the sum of the Regional General Levy and all unconditional grants for 1979, 1980 and 1981 and 10% for 1982 and subsequent years and that the Region not issue debentures on its own behalf for general purposes when that limit is exceeded.
8. That the Region establish policies that will enable it to limit its annual debt charges for Water purposes to 45% of the Water revenue for 1979, 1980 and 1981 and 40% for 1982 and subsequent years and that the Region not issue debentures for Water purposes on its own behalf when that limit is exceeded.

Continued.....





POLICIES THAT LIMIT DEBT, ADOPTED AUGUST 15, 1978

9. That the Region establish policies that will enable it to limit its annual debt charges for Sanitary Sewer purposes up to 50% of the Sanitary Sewer surcharge for 1979, 1980 and 1981 and 45% for 1982 and subsequent years and that the Region not issue debentures for Sanitary Sewer purposes on its own behalf when that limit is exceeded.
10. That the Region establish policies that will enable it to limit its annual debt charges for Storm Sewer purposes to 50% of the Levy for Storm Sewer purposes for 1979, 1980 and 1981 and 45% for 1982 and subsequent years.
11. That the Region curtail the issuance of debentures when the issuance of further debentures would make the annual debt charges for all Regional and area municipal purposes and sewer and water exceed 25% of the sum of the municipal levies, unconditional grants, water revenues and sewer surcharges for 1979, 1980 and 1981 and 20% for 1982 and subsequent years.
12. That the Commissioner of Finance discuss with the Area Municipalities the implications of the Area Municipalities establishing policies that will enable them to limit their annual debt charges for local municipal purposes to 20% of the sum of the total local municipal levy (excluding levies for regional and school purposes) and all local unconditional grants for 1979, 1980 and 1981 and 15% for 1982 onwards.





THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1979 - 1983 CAPITAL FORECAST

GENERALLY RATED PROJECTS

PROJECTION OF DEBT CHARGES TO ADJUSTED REGIONAL LEVY

(000's)

	<u>YEARLY ANALYSIS</u>					
	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
Debentures Required	6,821	2,825	(50)	(1,000)	(1,000)	
Existing Debt Charges	6,086	5,863	5,727	5,503	5,049	5,030
Capital Forecast Debt Charges	<u>228</u>	<u>801</u>	<u>1,133</u>	<u>1,127</u>	<u>1,016</u>	<u>1,016</u>
Total Debt Charges	6,314	6,664	6,860	6,630	6,065	6,046
Adjusted Regional Levy Plus 5% per annum	58,668	61,601	64,681	67,916	71,311	74,877
Applicable % of Budget	(15%)	(15%)	(15%)	(10%)	(10%)	(10%)
	8,800	9,240	9,702	6,792	7,131	7,488
Less Debt Charges	<u>6,314</u>	<u>6,664</u>	<u>6,860</u>	<u>6,630</u>	<u>6,065</u>	<u>6,046</u>
	2,486 S	2,576 S	2,842 S	162 S	1,066 S	1,442 S
Debt Issues to be Deferred						NIL
Debt Charges as a Percentage of Levy	<u>11%</u>	<u>11%</u>	<u>11%</u>	<u>10%</u>	<u>9%</u>	<u>8%</u>

NOTE: S = Surplus

D = Deficit

Calculations are based on Debt issued at 10% - 20 years (.11746)

Debentures required excludes Regional Roads projected expenditures



THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH1979 - 1983 CAPITAL FORECASTSTORM SEWER PROJECTS

(000's)

YEARLY ANALYSIS

	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
Debentures Required	2,902	920	1,090	1,210	3,050	
Existing Debt Charges	1,266	1,260	1,254	1,152	1,121	922
Capital Forecast Debt Charges	<u>202</u>	<u>399</u>	<u>507</u>	<u>634</u>	<u>776</u>	<u>992</u>
Total Debt Charges	1,468	1,659	1,761	1,786	1,897	1,914
1979 Budget plus 5% per annum	3,485	3,659	3,842	4,034	4,236	4,448
Applicable % of Budget	(50%)	(50%)	(50%)	(45%)	(45%)	(45%)
	1,743	1,830	1,921	1,815	1,906	2,002
Less Debt Charges	<u>1,468</u>	<u>1,659</u>	<u>1,761</u>	<u>1,786</u>	<u>1,897</u>	<u>1,914</u>
	275 S	171 S	160 S	29 S	9 S	88 S
Debt Issues to be Deferred						NIL
Debt Charges as a Percentage of Storm Sewer Levy	<u>42%</u>	<u>45%</u>	<u>46%</u>	<u>44%</u>	<u>45%</u>	<u>43%</u>

NOTE: S = Surplus

D = Deficit

Calculations are based on Debt issued at 10% - 20 years (.11746)





## THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

## DEPARTMENT OF FINANCE

## 1979 - 1983 CAPITAL FORECAST

## SANITARY SEWERS

(000's)

## YEARLY ANALYSIS

	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
Debentures Required	12314	4930	5425	5130	7600	
Existing Debt Charges	4540	4573	4693	3708	3777	3186
Capital Forecast Debt Charges	<u>753</u>	<u>1233</u>	<u>1812</u>	<u>2449</u>	<u>3052</u>	<u>3945</u>
Total Debt Charges	5293	5806	6505	6157	6829	7131
Sewer Surcharge plus 5% per annum	12778	13417	14088	14792	15532	16309
Applicable % of Sewer Surcharge	(50%)	(50%)	(50%)	(45%)	(45%)	(45%)
	6389	6709	7044	6656	6989	7339
Less Debt Charges	<u>5293</u>	<u>5806</u>	<u>6505</u>	<u>6157</u>	<u>6829</u>	<u>7131</u>
	1096 S	903 S	539 S	499 S	160 S	208 S
Debt Issues to be Deferred					NIL	
Debt Charges as a percentage of Sewer Surcharge Revenue	<u>41%</u>	<u>43%</u>	<u>46%</u>	<u>42%</u>	<u>44%</u>	<u>44%</u>

NOTE: S = Surplus

D = Deficit

Calculations are based on Debt Issued at 10% - 20 years (.11746)



THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTHDEPARTMENT OF FINANCE1979 - 1983 CAPITAL FORECASTWATER PROJECTS

(000's)

YEARLY ANALYSIS

	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
Debentures Required	6,254	5,506	3,320	4,455	4,090	
Existing Debt Charges	<u>5,159</u>	<u>5,053</u>	<u>5,007</u>	<u>4,579</u>	<u>4,402</u>	<u>4,030</u>
Capital Forecast Debt Charges	<u>120</u>	<u>735</u>	<u>1,381</u>	<u>1,771</u>	<u>2,295</u>	<u>2,775</u>
Total Debt Charges	5,279	5,788	6,388	6,350	6,697	6,805
Water Revenue plus 5% per annum	14,038	14,740	15,477	16,251	17,063	17,916
Applicable % of Water Revenue	(45%)	(45%)	(45%)	(40%)	(40%)	(40%)
	6,317	6,633	6,965	6,500	6,825	7,166
Less Debt Charges	<u>5,279</u>	<u>5,788</u>	<u>6,388</u>	<u>6,350</u>	<u>6,697</u>	<u>6,805</u>
	1,038 S	845 S	577 S	150 S	128 S	361 S
Debt Issues to be Deferred						NIL
Debt Charges as a Percentage of Water Revenue	38%	39%	41%	39%	39%	38%

NOTE: S = Surplus

D = Deficit

Calculations are based on Debt Issued at 10% - 20 years (.11746)





## THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

## 1979 - 1983 CAPITAL FORECAST

AREA MUNICIPALITIES PROJECTION OF DEBT CHARGES  
TO ADJUSTED LEVIES

(000's)

			<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
Ancaster	-	Adjusted Levies	1,066	1,119	1,175	1,234	1,296	1,361
		Percentage of Levies	20%	20%	20%	15%	15%	15%
			213	224	235	185	194	204
		Debt Charges	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>3</u>
			<u>211S</u>	<u>222S</u>	<u>233S</u>	<u>183S</u>	<u>191S</u>	<u>201S</u>
		Debt to be Deferred						NIL
Dundas	-	Adjusted Levies	2,910	3,056	3,208	3,369	3,537	3,714
		Percentage of Levies	20%	20%	20%	15%	15%	15%
			582	611	642	505	531	557
		Debt Charges	<u>454</u>	<u>434</u>	<u>463</u>	<u>505</u>	<u>531</u>	<u>557</u>
			<u>128S</u>	<u>177S</u>	<u>179S</u>	<u>-</u>	<u>-</u>	<u>-</u>
		Debt to be Deferred						NIL
Flamborough	-	Adjusted Levies	1,896	1,991	2,090	2,195	2,305	2,420
		Percentage of Levies	20%	20%	20%	15%	15%	15%
			379	398	418	329	345	363
		Debt Charges	<u>47</u>	<u>63</u>	<u>157</u>	<u>245</u>	<u>333</u>	<u>363</u>
			<u>332S</u>	<u>335S</u>	<u>267S</u>	<u>102S</u>	<u>42S</u>	<u>1S</u>
		Debt to be Deferred						NIL
Glanbrook	-	Adjusted Levies	938	985	1,034	1,086	1,140	1,197
		Percentage of Levies	20%	20%	20%	15%	15%	15%
			188	197	207	163	171	180
		Debt Charges	<u>48</u>	<u>49</u>	<u>48</u>	<u>49</u>	<u>49</u>	<u>47</u>
			<u>140S</u>	<u>148S</u>	<u>159S</u>	<u>114S</u>	<u>122S</u>	<u>133S</u>
		Debt to be Deferred						NIL
Hamilton	-	Adjusted Levies	50,723	53,259	55,922	58,718	61,654	64,737
		Percentage of Levies	20%	20%	20%	15%	15%	15%
			10,145	10,652	11,184	8,808	9,248	9,711
		Debt Charges	<u>5,746</u>	<u>6,080</u>	<u>7,079</u>	<u>7,863</u>	<u>7,992</u>	<u>8,246</u>
			<u>4,399S</u>	<u>4,572S</u>	<u>4,105S</u>	<u>945S</u>	<u>1,256S</u>	<u>1,465S</u>
		Debt to be Deferred						NIL
Stoney Creek	-	Adjusted Levies	3,653	3,836	4,027	4,229	4,440	4,662
		Percentage of Levies	20%	20%	20%	15%	15%	15%
			731	767	805	634	666	699
		Debt Charges	<u>289</u>	<u>366</u>	<u>442</u>	<u>511</u>	<u>597</u>	<u>600</u>
			<u>442S</u>	<u>401S</u>	<u>363S</u>	<u>123S</u>	<u>69S</u>	<u>99S</u>
		Debt to be Deferred						NIL

NOTE: S = Surplus D = Deficit



THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH  
1979 - 1983 CAPITAL FORECAST  
AREA MUNICIPALITIES PROJECTION OF DEBT CHARGES  
AS A PERCENTAGE OF ADJUSTED LEVIES

	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
	%	%	%	%	%	%
Ancaster	2	2	2	2	2	2
Dundas	16	14	14	15	15	15
Flamborough	2	3	7	10	13	15
Glanbrook	5	5	5	5	4	4
Hamilton	11	11	13	13	13	13
Stoney Creek	8	9	10	11	12	12



THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1979 - 1983 CAPITAL FORECAST

REGION'S AND AREA MUNICIPALITIES'PROJECTION OF DEBT CHARGES TO ADJUSTED LEVYPLUS SEWER AND WATER REVENUE

(000's)

<u>Debt Charges</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
Town of Ancaster	2	2	2	2	3	3
Town of Dundas	454	434	463	505	531	557
Township of Flamborough	47	63	151	227	303	362
Township of Glanbrook	48	49	48	49	49	47
City of Hamilton	5,746	6,080	7,079	7,863	7,992	8,246
Town of Stoney Creek	<u>289</u>	<u>366</u>	<u>442</u>	<u>511</u>	<u>597</u>	<u>600</u>
	<u>6,586</u>	<u>6,994</u>	<u>8,185</u>	<u>9,157</u>	<u>9,475</u>	<u>9,815</u>
<u>Regional Municipality of Hamilton-Wentworth</u>						
Generally Rated Projects	6,314	6,664	6,860	6,630	6,065	6,046
Storm Sewer Projects	1,468	1,659	1,761	1,786	1,897	1,914
Sanitary Sewer Projects	5,293	5,806	6,505	6,157	6,829	7,131
Water Projects	<u>5,279</u>	<u>5,788</u>	<u>6,388</u>	<u>6,350</u>	<u>6,697</u>	<u>6,805</u>
	<u>18,354</u>	<u>19,917</u>	<u>21,514</u>	<u>20,923</u>	<u>21,488</u>	<u>21,896</u>
TOTAL	<u>24,940</u>	<u>26,911</u>	<u>29,699</u>	<u>30,080</u>	<u>30,963</u>	<u>31,711</u>
Less Applicable Percentage of Adjusted Levies plus Sanitary Sewer Surcharges and Water Revenues						
	25%	25%	25%	20%	20%	20%
	<u>37,539</u>	<u>39,416</u>	<u>41,386</u>	<u>34,765</u>	<u>36,503</u>	<u>38,328</u>
	<u>12,599S</u>	<u>12,505S</u>	<u>11,687S</u>	<u>4,685S</u>	<u>5,540S</u>	<u>6,617S</u>
Debt Issues to be Deferred						NIL
Debt Charges as a Percentage of Adjusted Levies Plus Sanitary Sewer Surcharge and Water Revenue	16.6%	17.0%	17.9%	17.3%	16.9%	16.5%

NOTE: S = Surplus

D = Deficit





THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

DEPARTMENT OF FINANCE

SCHEDULE IX

STATEMENT OF CAPITAL WORKS OF WHICH THE APPROVAL OF THE  
ONTARIO MUNICIPAL BOARD WILL BE REQUIRED FOR THE YEARS 1979 - 1983 INCLUSIVE

SUMMARY REQUIREMENTS (000's)

BY YEAR	<u>General Government</u>	<u>Protection to Persons and Property</u>	<u>Trans. Services Roads &amp; Sidewalks</u>	<u>Environmental Services - Storm Sewers</u>	<u>Sanitation Waste Removal</u>	<u>Social &amp; Family Services</u>	<u>Parks &amp; Recreation</u>	<u>Community Planning &amp; Development</u>	<u>Financial Contingencies</u>	<u>Independent Boards</u>			<u>Self-Sustaining Debt</u>			<u>TOTAL</u>
										<u>Libraries</u>	<u>Parking Authority</u>	<u>Farmer's Market</u>	<u>Hydro</u>	<u>Water Works</u>	<u>Sanitary Services</u>	
1979	—	100	7,231	1,355	—	2,000	625	132	1,791	1,130	—	—	—	2,129	3,940	20,433
1980	115	225	5,779	1,239	—	—	355	—	1,290	—	—	125	—	3,846	6,370	19,344
1981	80	100	3,041	2,202	—	—	1,709	—	1,027	113	—	—	—	6,330	7,130	-21,732
1982	56	1,050	2,295	3,685	—	—	225	—	1,101	—	2,400	—	100	5,530	5,520	21,962
1983	208	150	1,605	1,165	—	—	369	—	794	—	—	—	100	2,560	2,810	9,761
TOTALS	<u>459</u>	<u>1,625</u>	<u>19,951</u>	<u>9,646</u>	<u>—</u>	<u>2,000</u>	<u>3,283</u>	<u>132</u>	<u>6,003</u>	<u>1,243</u>	<u>2,400</u>	<u>125</u>	<u>200</u>	<u>20,395</u>	<u>25,770</u>	<u>93,232</u>
BY MUNICIPALITY																
	<u>SCHEDULE</u>															
Ancaster A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dundas B	459	200	1,131	236	—	—	540	—	—	—	—	—	200	—	—	2,766
Flamborough C	—	300	725	1,300	—	—	750	—	—	—	—	—	—	—	—	3,075
Glanbrook D	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamilton E	—	950	9,082	—	—	—	1,825	—	5,503	1,130	2,400	125	—	—	—	21,015
Stoney Creek F	—	175	1,481	675	—	—	168	—	—	113	—	—	—	—	—	2,612
Region G	—	—	7,532	7,435	—	2,000	—	132	500	—	—	—	—	20,395	25,770	63,764
TOTALS	<u>459</u>	<u>1,625</u>	<u>19,951</u>	<u>9,646</u>	<u>—</u>	<u>2,000</u>	<u>3,283</u>	<u>132</u>	<u>6,003</u>	<u>1,243</u>	<u>2,400</u>	<u>125</u>	<u>200</u>	<u>20,395</u>	<u>25,770</u>	<u>93,232</u>



THE REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTHSCHEDULE XDEPARTMENT OF FINANCECAPITAL PROJECTS FOR WHICH ONTARIO MUNICIPAL BOARD APPROVAL IS REQUIRED  
IN THE YEARS 1979 - 1983 INCLUSIVE

	(000's)					
	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>TOTAL</u>
Ancaster	--	--	--	--	--	--
Dundas	236	533	511	574	912	2,766
Flamborough	525	750	650	650	500	3,075
Glanbrook	--	--	--	--	--	--
Hamilton	4,868	3,980	4,392	5,716	2,059	21,015
Stoney Creek	864	175	1,063	510	--	2,612
Region	<u>13,940</u>	<u>13,906</u>	<u>15,116</u>	<u>14,512</u>	<u>6,290</u>	<u>63,764</u>
TOTALS	<u>20,433</u>	<u>19,344</u>	<u>21,732</u>	<u>21,962</u>	<u>9,761</u>	<u>93,232</u>





GENERALLY RATED



FUNCTION - Transportation Services  
Roads & Bridges

## \*\*\*\*\*FINANCING\*\*\*\*\*

ANALYSIS OF REQUIREMENTS 1979 to 1983					
Author-	Contem-	1979	1980	1981	1982 1983
ized	plated				

		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts		Previously Obtained		Required		ANALYSIS OF REQUIREMENTS		1979 to 1983				
Coding			Start	Finish		Amount	Code	Amount	Code	After 1984	1979 1983	Author-ized	Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	35013 35056  1979 001	Mill Street South, Flamborough, Mountain Brow Road to Highway #5	1975	1982	911	178	RS	282 223	CF RS	228		228	124				104	
1 2 3 4 5	35046  1979 002	Brock Road, Flamborough Hwy. #8 to Hwy. #5	1976	1981	1567	515 288	RS MTC	120 116	CF RS	528		528	46	277	205			
1 2 3 4 5	35007 35048  1980 003	Barton Street, Stoney Creek, Green Road to Fruitland Rd.	1976	1989	2021	541	RS	468 331	CF RS	325	356	356	20	36				300
1 2 3 4 5	35125  1984 004	Fruitland Road Stoney Creek, Barton St. to Hwy #8	1976	1987	905	405	RS	4	CF	482	14	14	14					
1 2 3 4 5	35096  1979 005	Ottawa Street at Main Street, City of Hamilton	1977	1980	595	191	RS	91 91	CF RS	222		222	20	202				
1 2 3 4 5	35110  1979 006	King Street, Hamilton and Stoney Creek Nash Rd. to Battlefield Creek	1977	1980	956	377	RS	70 70	CF RS	439		439	18	421				



FUNCTION - Transportation Services  
Roads & Bridges

## \*\*\*\*\*FINANCING\*\*\*\*\*

REQUIREMENTS 1979 to 1983

Item-	1979	1980	1981	1982	1983
ated					

		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts		Previously Obtained		Required		ANALYSIS OF REQUIREMENTS		1979 to 1983				
Coding			Start	Finish		Amount	Code	Amount	Code	1984 & After	1979 1983	Author-ized	Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	35119  1979 007	Charlton Avenue, Hamilton John St. to Sherman Access	1977	1979	530	222	RS	10	CF	298		298	298					
1 2 3 4 5	37167  1979 008	Mohawk Road at West 5th Street Hamilton	1977	1979	404	128	RS	60 60	CF RS	156		156	156					
1 2 3 4 5	35111  1979 009	Mohawk Road at Garth Street Hamilton	1978	1979	353	115	RS	50 50	CF RS	138		138	138					
1 2 3 4 5	35112  1979 010	King Street, Stoney Creek, Stoney Brook Drive to Hwy. #8	1978	1984	833	350	RS	10 10	CF RS	408	55	55	10	45				
1 2 3 4 5	35113  1980 011	Freeways, City of Hamilton	1978	1987	9000	4500	RS	125	CF	1575	2800	2800		700	700	700	700	
1 2 3 4 5	35114  1979 012	Stone Church Road, Hamilton, Upper Sherman Ave. to Upper Ottawa Street	1978	1979	1080	432	RS	61 60	CF RS	527		527	527					





		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts		Previously Obtained		Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983		1979 to 1983				
Coding	Start		Finish	Amount		Code	Amount	Code	Author-ized		Contem-plated	1979	1980	1981	1982	1983	
1 2 3 4 5	35115  1979 013	Upper James Street, Hamilton, Fennell Ave. to 300m south of Limeridge Rd.	1978	1980	1505	461 417	RS MTC	13 12	CF RS	602		602	255	347			
1 2 3 4 5	35082  E781377 1978 014	Burlington Street, Hamilton, Strathearne Ave. to Woodward Ave.	1978	1983	18800	4945 7072	RS MTC	125 125	CF RS	6533	6533		80	1644	1820	1739	1250
1 2 3 4 5	35087  E79256 1979 015	Gray's Road, Hamilton Arvin Ave. to the Q.E.W.	1978	1982	2019	222 1341 91 78	RS GRF CNR Util.	33 33	CF RS	221	221			21		200	
1 2 3 4 5	35128  1979 016	Wentworth Street, Hamilton King St. to C.N.R. and T.H.& B. Crossing	1978	1979	543	224	RS	6 5	CF RS	308		308	308				
1 2 3 4 5	35116  1979 017	Mountain Brow Blvd. Hamilton, C.N.R. Bridge Widening at Mohawk	1979	1979	128	58	RS			70		70	70				
1 2 3 4 5	37163  1979 018	Mohawk Road at Upper Sherman Ave. Hamilton	1979	1984	494	216	RS			225	53	53	53				



GENERALLY RATED

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
(000's)

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PAGE 4

FUNCTION - Transportation Services  
Roads & Bridges

\*\*\*\*\*FINANCING\*\*\*\*\*

Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983	Author- ized	Contem- plated	1979	1980	1981	1982	1983
1	37166	Mohawk Road at	1979	1981	391	168 RS		223	223	23				200		
2		Upper Gage Ave.,														
3		Hamilton														
4	1979															
5	019															
1	35161	Mohawk Road at	1979	1980	242	105 RS		137	137	21		116				
2		McNiven Road,														
3		Ancaster														
4	1979															
5	020															
1	35121	Mohawk Road at	1981	1981	475	219 RS		256	256					256		
2		Upper Ottawa St.														
3		Hamilton														
4	1981															
5	021															
1	35162	Upper Sherman Ave.	1982	1984	565	247 RS		259 59	59						40	19
2		Hamilton, Concession St.														
3		to Crockett St.														
4	1982															
5	022															
1	35120	Fennell Avenue at	1982	1984	466	206 RS		197 63	63						38	25
2		Upper Sherman														
3		Hamilton														
4	1982															
5	023															
TOTAL FUNCTION					44783	24312	2714	3471 14286	6754	7532	2181	3809	3181	2821	2294	



GENERALLY RATED

FUNCTION - Environmental Services  
Sanitation & Waste Disposal

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
(000's)

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\*\*\*\*\*FINANCING\*\*\*\*\*

Coding	Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983						
		Start	Finish					Author- ized	Conten- plated	1979	1980	1981	1982	1983
1 35251	Sanitary Landfill	1978	1980	1740			1740	1740		1740				
2	Sites and Transfer													
3 E77641	Stations													
4 1978	- Land Acquisition													
5 024														
1 35252	Transfer Stations	1979	1980	5500			5500	5500		2750	2750			
2														
3 E77641														
4 1978														
5 025														
1 35253	Sanitary Landfill	1979	1980	1500			1500	1500		1500				
2	Site Development													
3 E77641														
4 1978														
5 026														
1 35254	Servicing the Land-	1979	1980	724			724	724		724				
2	fill Site and Transfer													
3 E77641	Stations													
4 1978														
5 027														
TOTAL FUNCTION					9464		9464	9464		6714	2750			



GENERALLY RATED

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
(000's)

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FUNCTION - Social and Family Services  
Homes for the Aged

\*\*\*\*\*FINANCING\*\*\*\*\*

Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983		1979	1980	1981	1982	1983
									Author-ized	Contem-plated					
1	N5102	Macassa Lodge	1977	1979	950	25 P	425 P	500	500		375	125			
2		Alteration													
3	E771927														
4	1977														
5	028														
1	N6103	Proposed Lodge -	1979	1980	200	100 MCSS		100		100	100				
2		Stoney Creek													
3		- Land Acquisition													
4	1979														
5	029														
1	N6103A	Proposed Lodge -	1980	1981	3800	1900 MCSS		1900		1900		950	950		
2		Stoney Creek													
3		including furnishings													
4	1979														
5	029														
TOTAL FUNCTION					4950	2025	425	2500	500	2000	475	1075	950		





FUNCTION - Community Planning and Development  
Industrial Development

## \*\*\*\*\*FINANCING\*\*\*\*\*

- (1) Capital Budget No.
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		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983					
Coding	Start		Finish	Author-ized							Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	R4250	Land Acquisition	1974	1974	300			300	CL							
1 2 3 4 5	R5250	Land Acquisition	1975	1975	1000			1000	CL							
1 2 3 4 5	R6250	Land Acquisition	1976	1976	2200			2200	CL							
1 2 3 4 5	R7250	Land Acquisition	1977	1977	375			375	CL							
1 2 3 4 5	R8250	Land Acquisition	1978	1978	919			919	CL							
1 2 3 4 5	R9250	Land Acquisition	1979	1979	897	765	LS			132		132	132			



GENERALLY RATED

FUNCTION- Community Planning and Development  
Industrial Development

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
(000's)

\*\*\*\*\*FINANCING\*\*\*\*\*

CODING

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Coding		Project Descriptions	Project Start Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983						
								Author- ized	Contem- plated	1979	1980	1981	1982	1983
1	R10250	Land Acquisition	1980 1980	560	560	LS								
2														
3														
4	1980													
5	030													
1	R11250	Land Acquisition	1981 1981	1000	1000	LS								
2														
3														
4	1981													
5	030													
1	R12250	Land Acquisition	1982 1982	150	150	LS								
2														
3														
4	1982													
5	030													
TOTAL FUNCTION				7401	2475		4794		132	132	132			



GENERALLY RATED

FUNCTION - Financial Contingency

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
(000's)

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\*\*\*\*\*FINANCING\*\*\*\*\*

	Coding	Project Descriptions	Project Start Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983 Author- Contem- ized plated	1979	1980	1981	1982	1983
1	33590	Capital Contingency	1979 1979	500			500	500	500				
2													
3													
4	1979												
5	031												
	TOTAL SECTION			500			500	500	500				



GENERALLY RATED

FUNCTION - Financial Capital Levy

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
(000's)

CODING

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\*\*\*\*\*FINANCING\*\*\*\*\*

Coding		Project Descriptions	Project Start Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983 Author- Contem- 1979 1980 1981 1982 1983 ized plated						
1	64501	Capital Levy	1979 1983		5000		(5000)	(5000)	(1000)	(1000)	(1000)	(1000)	(1000)	(1000)
2		1/2 Equalized Mill												
3		to be provided												
4	1979	from Current Funds												
5	032													
TOTAL SECTION					5000		(5000)	(5000)	(1000)	(1000)	(1000)	(1000)	(1000)	(1000)
TOTAL FUNCTION				500	5000		(4500)	(4500)	(500)	(1000)	(1000)	(1000)	(1000)	(1000)
TOTAL GENERALLY RATED				67098	33812	7933	3471 21882	16718	5164	9002	6634	3131	1821	1294





GENERAL RATE IN HAMILTON







CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
(000's)

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## \*\*\*\*\*FINANCING\*\*\*\*\*

[illegible]



CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS

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ANALYSIS OF REQUIREMENTS 1979 to 1983  
 1. 1979 1980 1981 1982 1983[illegible]





GENERAL RATE IN HAMILTON  
FUNCTION - Environmental Services  
 Storm Sewers

CAPITAL BUDGET PROGRAM 1979 - 1983  
 ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
 (000's)

CODING  
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*****FINANCING*****													(5) Detail Sheet Page No.				
Coding		Project Descriptions	Project Start Finish		Gross Cost	Subsidies & Other Receipts Amount Code		Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983 Author- Contem- ized- plated		1979	1980	1981	1982	1983	
1	39216	Young Street, James St. to Catharine St.	1979	1979	155	70	MTC			85	85		85				
2		- Storm Sewer															
3	E79231																
4	1979																
5	050																
1	39215	Jackson Street from John St. to Spring St.	1979	1979	280	120	MTC			160	160		160				
2		- Sewer Reconstruction															
3	E79229																
4	1979																
5	051																
1	39217	Holton Avenue from Delaware Ave. to 75 metres southerly	1979	1979	30	14	MTC			16	16		16				
2		- Storm Sewers															
3	E79267																
4	1979																
5	052																
1	39218	Murray Street from John St. to Mary St.	1979	1979	95	50	MTC			45	45		45				
2		- Storm Sewers															
3	E79266																
4	1979																
5	053																
1	39219	Aberdeen Avenue, from MacDonald to Flatt Ave.	1979	1979	65	30	MTC			35		35	35				
2																	
3																	
4	1979																
5	054																
1	39220	Ottawa Street from Main St. to Maple Avenue	1979	1980	120	50	MTC			40		40	10	30			
2		- Storm Sewers				30	TR										
3																	
4	1979																
5	055																











GENERAL RATE IN HAMILTON  
FUNCTION - Environmental Services  
 Storm Sewers

CAPITAL BUDGET PROGRAM 1979 - 1983  
 ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
 (000's)

CODING  
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\*\*\*\*\*FINANCING\*\*\*\*\*

Coding		Project Descriptions	Project Start Finish		Gross Cost	Subsidies & Other Receipts Amount Code		Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983					
									Author- ized	Contem- plated	1979	1980	1981	1982	1983
1	32216	Warren Ave. from	1982	1983	400	130	RS		270	270				20	250
2		McElroy Ave. to													
3		Mohawk Road & on													
4	1982	Mohawk Road to													
5	068	approx. 128m easterly													
1	32217	Adair, Roxborough &	1982	1983	800	300	RS		500	500				50	450
2		Parkdale to Barton													
3		Street													
4	1982														
5	069														
1	32221	Greenhill Avenue	1982	1984	2500	300	MOE		700	1200				400	800
2		Storage Treatment Basin				300	CMHC								
3		- Construction													
4	1982														
5	070														
1	32334	Sherman - Cannon Area	1982	1983	600	200	RS		400	400				30	370
2		Relief Sewers													
3															
4	1982														
5	071														
1	32225	Belview Avenue from	1982	1983	170	80	MTC		90	90				20	70
2		Dunsmuir Road to													
3		Roxborough Avenue													
4	1982	Storm Relief Sewers													
5	072	- Construction													
1	32226	Park Row South from	1982	1983	470	200	MTC		270	270				70	200
2		Main Street to													
3		Monterey Ave., Storm													
4	1982	Relief Sewers													
5	0 73	- Construction													





CAPITAL BUDGET PROGRAM 1979 - 1983  
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\*\*\*\*\*FINANCING\*\*\*\*\*

		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts		Previously Obtained Amount	Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS		1979 to 1983				
Coding			Start	Finish		Amount	Code				Author- ized	Contem- plated	1979	1980	1981	1982	1983
1 2 3 4 5	32227  1982 074	Whitney Ave., Ieland Street Area, Storm Relief Sewer - Construction	1982	1983	450	200	MTC			250		250			50	200	
1 2 3 4 5	32228  1982 075	Gibson Ave. from Cannon Street to Barton Street, Reconstruction of Sewers - Construction	1982	1983	190	80	MTC			110		110			20	90	
1 2 3 4 5	36207A  1983 076	MacNab Street Storm Sewer, Cannon Street to Harbour - Construction	1983	1985	4200	500	MTC			3500	200	200				200	
1 2 3 4 5	33242  1983 077	Forest, Catherine St. - Storm Sewer	1983	1984	420	150	MTC			170	100	100				100	
1 2 3 4 5	33243  1983 078	Balsam Avenue from Beechwood Ave. to 158m. southerly	1983	1984	100	40	MTC			50	10	10				10	
1 2 3 4 5	33244  1983 079	Simcoe Street from John St. to Catherine St.	1983	1983	80	30	MTC			50		50				50	



GENERAL RATE IN HAMILTON  
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Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983 Author- Contem- ized plated	1979	1980	1981	1982	1983		
1	33245	Emerald Street	1983	1983	65	30	MIT	35	35					35		
2		from Burton St.														
3		to Keith St.														
4	1983	- Storm Relief Sewer														
5	080															
1	33246	Glencarry Avenue	1983	1983	50	20	MIT	30	30					30		
2		from Central Ave. to														
3		82m. Northerly														
4	1983															
5	081															
1	33247	Emerald Street	1983	1983	170	80	MIT	90	90					90		
2		from Main St. to														
3		250m Southerly														
4	1983															
5	082															
1	33248	Niagara and Munro	1983	1983	185	80	MIT	105	105					105		
2		Streets														
3		- Storm Sewers														
4	1983															
5	083															
TOTAL SECTION					22759	6204	2963	4420	9172	3987	5185	2902	920	1090	1210	3050



GENERAL RATE IN HAMILTON  
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Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983						
									Author- ized	Contem- plated	1979	1980	1981	1982	1983
1	79000	Rated Storm Sewers & Minor Improvements - 1979	1979	1980	2200	650 RS 200 TR	1350 CF								
2															
3															
4	1979	- Region's Portion													
5	084														
1	80000	Rated Storm Sewers & Minor Improvements - 1980	1980	1981	1500	300 RS 100 TR 1100 CF									
2															
3															
4	1980	- Region's Portion													
5	085														
1	81000	Rated Storm Sewers & Minor Improvements - 1981	1981	1982	1500	300 RS 100 TR 1100 CF									
2															
3															
4	1981	- Region's Portion													
5	086														
1	82000	Rated Storm Sewers & Minor Improvements - 1982	1982	1983	1600	400 RS 100 TR 1100 CF									
2															
3															
4	1982	- Region's Portion													
5	087														
1	83000	Rated Storm Sewers & Minor Improvements - 1983	1983	1984	1600	400 RS 200 TR 1000 CF									
2															
3															
4	1983	- Region's Portion													
5	088														
TOTAL SECTION					8400	7050	1350								
TOTAL STORM SEWER SYSTEM															
- REGION'S PORTION					31159	13254	4313	4420	9172	3987	5185	2902	920	1090	1210 3050



## LOCAL IMPROVEMENTS

FUNCTION - Environmental Services  
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Coding	Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983		1979 1980 1981 1982 1983				
		Start	Finish					Author- ized	Contem- plated					
1 H1204	Limeridge Road from	1977	1979	312			312	312		312				
H2303	510' west of Upper													
H2304	Sherman to 733' west													
2	of Upper Wellington,													
3 E771844	Upper Wentworth from													
E771839	Limeridge to Mohawk													
E771840	Road, Upper Wellington													
4 1977	Street from Limeridge													
5 040	to Bryna Ave.													
	- Owner's Portion													
1 H2309	Upper Wentworth Street	1978	1981	125			125	125					125	
2 R79-68	& Stonechurch Road													
3 E79157	from approx. 430m													
4 1978	north of Stonechurch													
5 047	Road to approx. 240m													
	west of Upper Went-													
	worth Street													
	- Owner's Portion													
TOTAL SECTION				437			437	437		312			125	





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	Coding	Project Descriptions	Project Start	Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS Author-ized Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	78000A  1978 089	Rated Storm Sewers & Minor Improvements - 1978 - Owner's Portion	1978	1979	50			50	50	50				
1 2 3 4 5	79000A  1979 084	Rated Storm Sewers & Minor Improvements - 1979 - Owner's Portion	1979	1980	600			600	600	300	300			
1 2 3 4 5	80000A  1980 085	Rated Storm Sewers & Minor Improvements - 1980 - Owner's Portion	1980	1981	500			500	500		250	250		
1 2 3 4 5	81000A  1981 086	Rated Storm Sewers & Minor Improvements - 1981 - Owner's Portion	1981	1982	600			600	600			350	250	
1 2 3 4 5	82000A  1982 087	Rated Storm Sewers & Minor Improvements - 1982 - Owner's Portion	1982	1983	600			350	250	250			250	



LOCAL IMPROVEMENTS

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									Author- ized	Contem- plated	1979	1980	1981	1982	1983	
1	83000A	Rated Storm Sewers &	1983	1984	700			400	300	300					300	
2		Minor Improvements -														
3		1983														
4	1983	- Owner's Portion														
5	088															
TOTAL SECTION					3050			750	2300	50	2250	350	550	600	500	300
TOTAL STORM SEWER SYSTEM					34646	13254	4313	5170	11909	4474	7435	3564	1470	1815	1710	3350



SEWER SURCHARGE



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	Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & After 1979	ANALYSIS OF REQUIREMENTS Author-ized	Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	38224  C9489-69 1964 090	Secondary Sewage Treatment Plant, Hamilton - Engineering - Construction	1964	1975	23080	3847 CMHC	420 D 7512 CMHC 7936 OWRC 10 CF	3355	3355		3355				
1 2 3 4 5	39900  1969 091	Saltfleet Sewer Completed by MOE 30 years - 8 per cent - Region's Portion	1969	1973	800			800	800		800				
1 2 3 4 5	34702 45-74 E741839 1974 092	Expansion of Sewage Treatment Plant Design, King Street, Dundas 1977	1974	1977	200			200	200		200				
1 2 3 4 5	35249  1971 093	Ancaster Sewer MOE Deventure - Region's Portion	1974	1977	10500	7500 MOE		3000	3000		3000				
1 2 3 4 5	34704 R77-81 E742214 1974 094	Expansion of the King Street Sewage Treatment Plant - Construction (OHAP - 630/1978)	1974	1979	2750	300 CMHC 270 MOE	630 OHAP 1526 D	24	24		24				
1 2 3 4 5	38236 53-74 E741318 1974 095	Construction of a Sanitary Trunk Sewer from Limeridge Road at Waldo Road to Stone Church Road	1974	1977	725		550 D 103 CMHC 66 CF	6	6		6				





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ANALYSIS OF REQUIREMENTS 1979 to 1983					
Author- ized	Conten- plated	1979	1980	1981	1982 1983

	Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	D	Required 1984 & After	1979	Author-ized	Contem-plated	ANALYSIS OF REQUIREMENTS 1979 to 1983	1979	1980	1981	1982	1983
1 2 3 4 5	35371 R77-85 E761899 1976 1Q2	Pumping Station S-2D Replacements - 1976 Hillyard Street to Extension of Cross Street, Dundas	1976	1977	40			40	D										
1 2 3 4 5	36207 R77-82 E761279 1976 1Q3	MacNab Street Trunk Sewer - Design & Environmental Assessment	1976	1979	50			50	D										
1 2 3 4 5	36208 R77-92 E761995 1976 1Q4	Mountain Industrial Trunk Sewer Western Connection - Engineering	1976	1978	30					30		30				30			
1 2 3 4 5	35200A R77-68 E762112 1976 1Q5	Gershorne Trunk Sanitary Sewer - Construction	1976	1978	165			165	D										
1 2 3 4 5	36210 R76-127 E76369 1976 1Q6	Main Street Sewage Treatment Plant, Waterdown (O.H.A.P.- 1,000/1978)	1976	1978	1500	225 225	MOE CMHC	1050	OHAP										
1 2 3 4 5	37212 R78-87 E771527 1977 1Q7	Sheaffe Street from Caroline Street to Bay Street, Reconstruction of Sewers	1977	1978	38			30	D		8		8			8			



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		Project		Gross Cost	Subsidies & Other Receipts		Previously Obtained		Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS		1979 to 1983				
Coding	Project Descriptions	Start	Finish		Amount	Code	Amount	Code		Author- ized	Contem- plated	1979	1980	1981	1982	1983
1 2 3 4 5	37210 R78-96 E771525 1977 113	Ancaster Industrial Pumping Station and Force Main (H13) - Engineering & Land	1977	1979	200			170	D	30	30			30		
1 2 3 4 5	37226B R77-133 E771270 1977 114	Woodward Avenue - Sewage Treatment Plant Expansion - Phase II - Engineering	1977	1980	200	25	MOE	160	D	15	15			15		
1 2 3 4 5	38230 E781691 1978 115	Ricwil Steam System Woodward Avenue STP - Construction	1978	1978	360					360	360			360		
1 2 3 4 5	38242 E78768 1978 116	Hilton Street from Markland Street to Aberdeen Avenue, Sewer Reconstruction	1978	1978	40					40	40			40		
1 2 3 4 5	36235A R78-95 E78145 1977 117	Red Hill Creek Trunk Sewer from 213m Easterly to Upper Wentworth St. Sanitary Sewer - Construction	1978	1979	225	40	CMHC			185	185			185		
1 2 3 4 5	33240A E781817 1979 118	Mountain Industrial Trunk Sanitary Sewer - Rymal Road to 850m Southerly - Construction	1979	1980	420	50 50	CMHC MOE			320	320		200 120			





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		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	Author-ized	Contem-plate	1979	1980	1981	1982	1983
Coding			Start	Finish							1979	1980	1981	1982	1983
1	39226	Woodward Avenue	1979	1981	100			100		100	20	50	30		
2		Sewage Treatment Plant													
3		Expansion Energy													
4	1979	Savings Analysis													
5	119	- Engineering													
1	39213	Lincoln St. from	1979	1979	40			40		40	40				
2		Barton St. to Linden													
3		Street													
4	1979														
5	120														
1	39215	Jackson St. from	1979	1979	60			60	60		50				
2		John St. to Spring St.													
3	E79229	- Reconstruction													
4	1979														
5	121														
1	39214	Charlton, Aurora,	1979	1979	30			30	30		30				
2		Forest Ave., and Welling-													
3	E79230	ton St. - Repairs													
4	1979														
5	122														
1	39216	Young St., James St.	1979	1979	20			20	20		20				
2		to Catherine St.													
3	E79231														
4	1979														
5	123														
1	39219	Windemere Basin	1979	1980	5000	4700		300		300	300				
2		Improvements													
3															
4	1979														
5	124														



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	Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS Author-ized	Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	39222  1979 125	Q.E.W. Trunk Sewer from Fruitland Rd. to Jones Rd. - Engineering	1979	1980	200			200		200	100	100			
1 2 3 4 5	H2309 R79-68 E79157 1978 126	Upper Wentworth Street and Stone Church Road Trunk Sewer - Region's Portion	1978	1981	567			567	567		50	517			
1 2 3 4 5	37210A  1979 127	Ancaster Industrial Pumping Station & Force Main S-H13 - Construction	1979	1981	2000	300	MOE	1700		1700		1000	700		
1 2 3 4 5	30910  1980 128	Winona Sewer - Region's Portion	1980	1982	2000			2000		2000		100	1000	900	
1 2 3 4 5	30213  1980 129	Main Street from Locke Street to Pearl Street	1980	1980	120			120		120		120			
1 2 3 4 5	30214  1980 130	West 15th Street from Sanatorium Road to Mohawk Road - Sewer Repair	1980	1980	85			85		85		85			



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ANALYSIS OF REQUIREMENTS 1979 to 1983

Author-	Contem-	1979	1980	1981	1982	1983
ized	plated					

	Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Other Receipts Amount	Receipts Code	Obtained Amount	Obtained Code	1984 & After	1979 & 1983	Authorized	Contem- plated	1979	1980	1981	1982	1983
1 2 3 4 5	30207  1980 131	Caroline Street from Bold Street to 52m northerly - Reconstruction	1980	1980	15					15			15		15			
1 2 3 4 5	30208  1980 132	Q.E.W. Trunk Sewer from Fruitland Road to Jones Road - Construction	1980	1981	1700	400				1300			1300		700	600		
1 2 3 4 5	30209  1980 133	Royal Avenue, Sanitary Trunk Sewer Stage I	1980	1981	250	30	MOE			220			220		20	200		
1 2 3 4 5	30211  1980 134	Aberdeen Avenue, Sewage Pumping Station and associ- ated Sewers	1980	1981	150	20	MOE			130			130		50	80		
1 2 3 4 5	30215  1980 135	Greenhill Avenue Storage Treatment Basin - Engineering & land	1980	1981	200					200			200		30	170		
1 2 3 4 5	38226C  1981 136	Woodward Avenue Sewage Treatment Plant Expansion, Phase II - Construction	1981	1984	7000	1000 1000	MOE CMHC			1000 4000	4000		4000			100	1900	2000



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		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983				
Coding			Start	Finish					Author- ized	Contem- plated	1979	1980	1981
1 2 3 4 5	38226D  1981 137	Woodward Avenue Sewage Treatment Plant Expansion Phase III - Engineering	1981	1983	1500			1500	1500		500	500	500
1 2 3 4 5	31216  1981 138	East Street Area, Dundas	1981	1982	230			230	230		30	200	
1 2 3 4 5	30215A  1982 139	Greenhill Avenue Storage Treatment Basin - Construction	1982	1984	2500	300 300	MOE CMHC	200	1700	1700		1000	700
1 2 3 4 5	32217  1982 140	Fife Street from Chestnut Avenue to Sherman Avenue, Reconstruction of Sewers - Construction	1982	1982	70			70	70			70	
1 2 3 4 5	32218  1982 141	Pumping Station S-W5 Rockcliffe Survey - Engineering	1982	1983	50			50	50			10	40
1 2 3 4 5	32219  1982 142	Eastern Sewage Treat- ment Plant Land Acquisition	1982	1983	2000			2000	2000			100	1900





## SEWER SURCHARGE

FUNCTION - Environmental Services  
Sanitary Sewer System

CAPITAL BUDGET PROGRAM 1979 - 1983  
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Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983	Author- ized	Conten- plated	1979	1980	1981	1982	1983
1	32220	Clappison's Corners	1982	1984	300			100 200	200						50	150
2		Trunk Sanitary Sewer														
3		- Engineering & Land														
4	1982															
5	143															
1	38226E	Woodward Avenue Sewage	1983	1985	24000	3300 MOE		18700 2000	2000							2000
2		Treatment Plant														
3		Expansion, Phase III														
4	1983	- Construction														
5	144															
1	33201	IonaTrunk Sewer	1983	1984	100			90 10	10							10
2		- Engineering														
3																
4	1983															
5	145															
TOTAL SECTION					108962	27545	27465	20090 33862	14962	18900	11814	4893	5125	4730	7300	



## SEWER SURCHARGE

FUNCTION - Environmental Services  
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Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983		1979	1980	1981	1982	1983		
									Author- ized	Contem- plated							
1	11000E	Rated Sewers & Minor	1979	1980	1400		900	CF	500		500	500					
2		Improvements - 1979															
3		- Region's Portion															
4	1979																
5	146																
1	11000F	Rated Sewers & Minor	1980	1981	1200		1000	CF	200		200	200					
2		Improvements - 1980															
3		- Region's Portion															
4	1980																
5	147																
1	11000G	Rated Sewers & Minor	1981	1982	1300		1000	CF	300		300		300				
2		Improvements - 1981															
3		- Region's Portion															
4	1981																
5	148																
1	11000H	Rated Sewers & Minor	1982	1983	1400		1000	CF	400		400			400			
2		Improvements - 1982															
3		- Region's Portion															
4	1982																
5	149																
1	11000I	Rated Sewers & Minor	1983	1984	1400		1000	CF	100	300		300			300		
2		Improvements - 1983															
3		- Region's Portion															
4	1983																
5	150																
TOTAL SECTION					6700		4900		100	1700		1700	500	200	300	400	300
TOTAL SANITARY SEWER SYSTEM																	
- REGION'S PORTION					115499	27545	32365	20190	35399	15529	19870	12314	4930	5425	5130	7600	



## LOCAL IMPROVEMENTS

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Coding	Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983						
		Start	Finish					Author- ized	Contem- plated	1979	1980	1981	1982	1983
1 35249 2 3 4 1971 5 093	Rated Sewers, Ancaster - Owner's Portion	1974	1975	2000		585	1415	1415			1415			
1 H1204 2 H2303 3 H2304 4 5 E771844 E771839 E771840 4 1977 5 111	Limeridge Road, Upper Wentworth Street, Upper Wellington Street - Owner's Portion	1977	1979	312			312	312			312			
1 H2309 2 R79-68 3 E79157 4 1978 5 126	Upper Wentworth Street and Stonechurch Road Trunk Sewer from approx. 430m north of Stone Church Road to approx. 240m west of Upper Wentworth Street - Owner's Portion	1978	1981	42			42	42				42		
1 30910 2 3 4 1980 5 128	Winona Sewer - Owner's Portion	1980	1982	1000			1000		1000			500	500	
TOTAL SECTION				3354		585	2769	1769	1000	1727		542	500	



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		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983					
Coding	Start		Finish	Author-ized					Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	11000D  1978 151	Rated Sewers & Minor Improvements - 1978 - Owner's Portion	1978	1979	78			78	78	78				
1 2 3 4 5	11000E  1979 146	Rated Sewers & Minor Improvements - 1979 - Owner's Portion	1979	1980	1100			1100	1100	500	600			
1 2 3 4 5	11000F  1980 147	Rated Sewers & Minor Improvements - 1980 - Owner's Portion	1980	1981	1100			1100	1100		450	650		
1 2 3 4 5	11000G  1981 148	Rated Sewers & Minor Improvements - 1981 - Owner's Portion	1981	1982	1100			1100	1100			500	600	
1 2 3 4 5	11000H  1982 149	Rated Sewers & Minor Improvements - 1982 - Owner's Portion	1982	1983	1100			1100	1100				500	600





## LOCAL IMPROVEMENTS

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Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983		1979	1980	1981	1982	1983	
									Author- ized	Contem- plated						
1	110001	Rated Sewers & Minor	1983	1984	1200			700	500	500					500	
2		Improvements - 1983														
3		- Owner's Portion														
4	1983															
5	150															
TOTAL SECTION					5678			700	4978	4978	578	1050	1150	1100	1100	
TOTAL SANITARY SEWER SYSTEM					124531	27545	32950	20890	43146	17298	25848	14619	5980	7117	6730	8700



## WATER RATES



FUNCTION - Environmental Services  
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## \*\*\*\*\*FINANCING\*\*\*\*\*

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ANALYSIS OF REQUIREMENTS 1979 to 1983  
Author- Contem- 1979 1980 1981 1982 1983  
ized plated

						Subsidies & Other Receipts		Previously	Required	ANALYSIS OF REQUIREMENTS 1979 to 1983							
	Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Amount	Code	Amount	Code	1984 & 1979 After 1983	Author-ized	Contem-plated	1979	1980	1981	1982	1983
1	26724	Barton Street from	1976	1978	30			30	D								
2	R77-88	Gray's Road to Green															
3	E761747	Road															
4	1976	- Land Acquisition															
5	158																
1	26757	Trunk Watermain	1976	1979	2200	360	MOE	710	D	830	830		780	50			
2	R77-69	from proposed Station				300	CMHC										
3	E761281	W-H5A to Mud Street &															
4	1976	Paramount Drive															
5	159	- Construction															
1	26745	Woodward Ave. Water	1977	1979	90			80	D	10	10		10				
2	R77-75	Treatment Plant -															
3	E761748	Expansion to 200															
4	1976	M.I.G.D. & Waste															
5	160	Water Treatment Study															
1	26746	Ainslie and Iona,	1977	1979	165	25	MOE	140	D								
2	R77-70	from Emerson to Rifle															
3	E761897	Range and Rifle Range															
4	1976	from Iona to 700'															
5	161	Northerly															
1	26747	Stone Church Road	1977	1979	207	24	MOE			167	146	21	167				
2	R77-71	from Pumping Station				16	CMHC										
3	E762113	W-H6A to Garth															
4	1976	Street															
5	162																
1	26810	Gray's Road from	1977	1978	270			240	D	30	30		30				
2	R77-83	Highway #8, northerly															
3	E761896	to City Limits & on															
4	1976	Roxborough Ave. from															
5	163	Gray's Road westerly															
		to City Limits															





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		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts		Previously Obtained		Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983				
Coding			Start	Finish		Amount	Code	Amount	Code		Author-ized	Contem-plated	1979	1980	1981
1 2 3 4 5	27501 R78-98 E771269 1977 164	Reservoir W-H11 Expansion - Construction	1977	1980	925	135	MOE			790	790		400	390	
1 2 3 4 5	27702 R78-85 E771574 1977 165	Well W-A0C Sulphur Spring's Road	1977	1979	255	35	CMHC	210	D	10	10		10		
1 2 3 4 5	27704 R78-99 E771573 1977 166	Pumping Station W-H18 Ancaster - Engineering and Land	1977	1979	205			200	D	5	5		5		
1 2 3 4 5	27705 R78-89 E771979 1977 167	Barton Street from Gray's Road to DeWitt Road - Trunk Watermain	1977	1979	1300	195	MOE			1105	1105		1000	105	
1 2 3 4 5	27706 R78-86 E771980 1977 168	Royce Ave. and Maple Drive - Watermains	1977	1979	180			111	D	69	36	33	69		
1 2 3 4 5	27725 R78-97 E771523 1977 169	Pumping Station W-H11 - Chlorination Facilities	1977	1979	200			166	D	34	34		34		



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ANALYSIS OF REQUIREMENTS 1979 to 1983																
Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code		Previously Obtained Amount Code	Required 1984 & 1979 After 1983	Author-ized	Contem-plate	1979	1980	1981	1982	1983
1	27817	Reservoir W-A0A and Feedermain - Engineering and Land	1977	1979	167			150	D	17	17		17			
2	R78-43															
3	E771128															
4	1977															
5	170															
1	27704A	Pumping Station W-H18 Ancaster - Construction	1978	1980	1400	200	MOE			1200	1200		400	800		
2	E781818															
3	1978															
4	171															
5																
1	28731	Strathcona Avenue from Main Street to King Street - Watermain	1978	1978	50			50	P							
2																
3																
4	1978															
5	172															
1	28757	Trunk Watermain from Mud Street to Upper Ottawa Street - Construction	1978	1980	2500	350	MOE			1900	1900		1000	900		
2	R79-54															
3	E781734															
4	1978															
5	173															
1	29701	Highway #53 Trunk Watermain from Upper Paradise Road to Southcote Road - Construction	1979	1980	912	150	MOE	455	CF	307	307		307			
2	E79175															
3	1979															
4	174															
5																



FUNCTION - Environmental Services  
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## \*\*\*\*\*FINANCING\*\*\*\*\*

ANALYSIS OF REQUIREMENTS 1979 to 1983						
Author-	Contem-	1979	1980	1981	1982	1983
ized	plated					

	Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Other Receipts Amount Code	Obtained Amount Code	1984 & 1979 After 1983	Authorized	Contemplated	1979	1980	1981	1982	1983
1 2 3 4 5	27703 E781819 1978 175	Hwy. #53 Trunk Watermain Garth Street and Rymal Road	1979	1979	231			231	231		231				
1 2 3 4 5	28719  1978 176	Pumping Station W-H6A Install Electric Motor on Pump #2	1979	1979	55		55 P								
1 2 3 4 5	28754  1978 177	Stone Church Road Watermain - Upper James Street to Upper Wellington Street - Engineering	1979	1980	20		20 P								
1 2 3 4 5	27729A  1979 178	Ancaster Industrial Park Trunk Watermain - Construction - Region's Portion	1979	1980	580			580	580		90	490			
1 2 3 4 5	29720  1979 179	Woodward Ave. Treatment Plant Waste Water Treatment - Engineering	1979	1980	60			60	60		20	40			
1 2 3 4 5	29763  1979 180	Highway #53 from Shaver Side Rd. to Fiddler's Green Rd., and on Fiddler's Green Rd. from Hwy #53 to Cumming Crt. - Engineering - Region's Portion	1979	1980	62			62	62		12	50			



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						Subsidies & Other Receipts	Previously Obtained	Required	ANALYSIS OF REQUIREMENTS		1979 to 1983				
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Amount	Code	Amount	1984 & 1979 After 1983	Author-ized	Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	29765 Stone Church Road Trunk Watermain from Garth Street to Upper Paradise Road - Engineering	1979	1980	25				25		25	20	5			
1 2 3 4 5	29766 Alma St. at Sydenham - watermain	1979	1979	32				32		32	32				
1 2 3 4 5	29767 Pump Station WH1 Woodward Avenue - Engineering	1979	1980	50				50		50	20	30			
1 2 3 4 5	29768 Pump Station WHO Van Wagner's Road Roof Insulation	1979	1980	65				65		65	10	55			
1 2 3 4 5	27727A Morden Neighbourhood Watermain - Construction	1979	1980	320				320	320		120	200			
1 2 3 4 5	27817A Reservoir W-AOA and Feedermain - Construction	1979	1980	1500	200	MOE		1300	1300		500	800			





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	Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS Author-ized	1979 Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	20753  1980 187	Pumping Station W-H8A - Generator Set	1980	1981	80			80	80			10	70		
1 2 3 4 5	20761  1980 188	Reservoir W-H11A Dundas - Engineering and Land	1980	1981	125			125	125			40	85		
1 2 3 4 5	20762  1980 189	Montgomery Drive from Old Dundas Road to Eleanor Road - Watermain	1980	1980	36			36	36			36			
1 2 3 4 5	20750  1980 190	York Road and Water-down Trunk Watermain - Engineering & Land	1980	1982	130			130	130			20	70	40	
1 2 3 4 5	28754A  1980 191	Stone Church Road Watermain - Upper James Street to 213m east of Upper Wellington St.	1980	1980	420	100	MOE	320	320			320			
1 2 3 4 5	29755  1980 192	Pumping Station W-H5A Pump #3 - Engineering	1980	1980	30			30	30			30			



FUNCTION - Environmental Services  
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## \*\*\*\*\*FINANCING\*\*\*\*\*

ANALYSIS OF REQUIREMENTS 1979 to 1983					
Author- ized	Contem- plated	1979	1980	1981	1982 1983

	Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS Author-ized	1979 Contem-plated	1979	1980	1981	1982	1983
1 2 3 4 5	29720A  1980 193	Woodward Ave. Treat- ment Plant Waste Water Treatment - Construction	1980	1981	750	200 MOE		550	550			250	300		
1 2 3 4 5	29765A  1980 194	Stone Church Road Trunk Watermain from Garth Street to Upper Paradise Road - Construction	1980	1980	370	50 MOE		320	320			320			
1 2 3 4 5	20727  1980 195	Pumping Station W-F1 (Reconstruction) - Engineering	1980	1981	40			40	40			20	20		
1 2 3 4 5	20732  1980 196	Interconnection across Stoney Creek to Hamilton Boundary	1980	1980	70			70	70			70			
1 2 3 4 5	20753  1980 197	Pumping Station W-H11 Installation of Pump #3 and replacement of Pump #2	1980	1980	45			45	45			45			
1 2 3 4 5	20751  1981 198	Pumping Station W-H16 - Engineering	1981	1982	50			50	50				25	25	



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1 2 3 4 5	29761A	Reservoir W-H11A Dundas - Construction	1981	1982	1700	300 MOE		1400				400	1000	
1 2 3 4 5	29763A	Hwy. #53 - Shaver's Side Rd. to Fiddler's Green Rd. and on Fiddler's Green Rd. - Hwy. #53 to Cumming Crt. - Construction - Region's Portion	1981	1982	700			700	700			200	500	
1 2 3 4 5	21749	York Road - Watermain Construction	1981	1982	400	40 MOE		360	360			300	60	
1 2 3 4 5	21750	Pumping Station W-H18 Stand-by Generator	1981	1982	320	60 MOE		260	260			120	140	
1 2 3 4 5	21751	District WH4 Trunk Watermain	1981	1982	480			480	480			400	80	



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Coding	Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983 Author- Contem- ized plated	1979	1980	1981	1982	1983
		Start	Finish										
1 21730 2 3 4 1981 5 204	T.H. & B. Railway from Tweedsmuir Ave. to Pump Station W-H12 Watermain	1981	1982	50			50	50			30	20	
1 20727A 2 3 4 1981 5 205	Pumping Station W-F1 (Reconstruction) - Construction	1981	1982	400	60 MOE		340	340			200	140	
1 21752 2 3 4 1981 5 206	DeWitt Road from Hwy. #8 to Barton St. Trunk Watermain - Engineering	1981	1981	50			50	50			50		
1 29755A 2 3 4 1982 5 207	Pumping Station W-H5A Pump #3 - Installation	1982	1983	430	80 MOE		350	350				200	150
1 20750A 2 3 4 1982 5 208	Waterdown Trunk Watermains - Construction - Region's Portion	1982	1983	1200	200 MOE		1000	1000				500	500
1 20751A 2 3 4 1982 5 209	Pumping Station W-H16 - Construction	1982	1983	750	100 MOE		650	650			300	350	





## WATER RATES

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Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983 Author- Contem- 1979 1980 1981 1982 1983 ized plated
1	21780	Highway #53 from	1982	1982	30			30	30
2		Southcote Road							
3		to Fiddler's Green Rd.							
4	1982	- Engineering							
5	210	- Region's Portion							30
1	21783	Reservoir W-H18S	1982	1983	130			130	130
2		(Ancaster)							
3		- Engineering							
4	1982								100
5	211								30
1	22728	DeWitt Road from	1982	1983	480	70	MOE	410	410
2		Highway #8 to Barton							
3		Street							
4	1982	- Trunk Watermain							80
5	212								330
1	22733	Kelly Street Extension (across park)	1982	1982	50			50	50
2		from Hamilton Street							
3		to Main Street							
4	1982	- Watermain and Land							50
5	213								
1	22735	Stone Church Road	1982	1983	40			40	40
2		Trunk Watermain from							
3		Upper Ottawa Street							
4	1982	to Upper Gage							40
5	214	- Engineering							



## WATER RATES

FUNCTION - Environmental Services  
Water Works

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS

(000's)

\*\*\*\*\*FINANCING\*\*\*\*\*

## CODING

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## ANALYSIS OF REQUIREMENTS 1979 to 1983

Coding	Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts		Previously Obtained Amount	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983					
		Start	Finish		Amount	Code			Author- ized	Contem- plated	1979	1980	1981	1982
1 22736 2 3 4 1982 5 215	Pumping Station W-H6B on Stone Church Road at Tunbridge Crescent - Engineering	1982	1983	70				70	70				50	20
1 21780A 2 3 4 1983 5 216	Highway #53 from Southcote Road to Fiddler's Green Rd. - Construction - Region's Portion	1983	1984	680				400 280	280					280
1 21783A 2 3 4 1983 5 217	Reservoir W-H18S (Ancaster) - Construction	1983	1984	2000	400	MOE		600 1000	1000					1000
1 23740 2 3 4 1983 5 218	Communal Water Supply System - Linden	1983	1984	80				40 40	40					40
1 23741 2 3 4 1983 5 219	Pumping Station W-H18 Pump #3 and #4 Installation Hwy. #53	1983	1984	370	70	MOE		170 130	130					130



WATER RATES

FUNCTION - Environmental Services  
Water Works

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
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		Project		Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983		ANALYSIS OF REQUIREMENTS 1979 to 1983							
Coding	Project Descriptions	Start	Finish				1979	1983	Author- ized	Contem- plated	1979	1980	1981	1982	1983	
1	23742	Carlisle Elevated	1983	1984	30		20	10		10				10		
2		Water Storage Tank														
3		- Engineering & Land														
4	1983															
5	220															
TOTAL SECTION					32551	4953	6533	1230	19835	9100	10735	6254	5106	2280	3355	2840



## WATER RATES

CAPITAL BUDGET PROGRAM 1979 - 1983  
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FUNCTION - Environmental Services  
Water Works

\*\*\*\*\*FINANCING\*\*\*\*\*

ANALYSIS OF REQUIREMENTS 1979 to 1983  
Author- Contem- 1979 1980 1981 1982 1983  
ized plated

Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	Author- ized	Contem- plated	1979	1980	1981	1982	1983
1 30000D	Suburban Watermains	1979	1980	200		200	CF							
2 - Region's Portion														
3														
4 1979														
5 221														
1 30000E	Suburban Watermains	1980	1981	200		200	CF							
2 - Region's Portion														
3														
4 1980														
5 222														
1 30000F	Suburban Watermains	1981	1982	200		160	CF	40	40			40		
2 - Region's Portion														
3														
4 1981														
5 223														
1 30000G	Suburban Watermains	1982	1983	200				200	200				100	100
2 - Region's Portion														
3														
4 1982														
5 224														
1 30000H	Suburban Watermains	1983	1984	200				100	100			100		100
2 - Region's Portion														
3														
4 1983														
5 225														
TOTAL SECTION				1000		560		100	340		340		40	100 200





## WATER RATES

CAPITAL BUDGET PROGRAM 1979 - 1983  
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FUNCTION - Environmental Services  
Water Works

## \*\*\*\*\*FINANCING\*\*\*\*\*

Coding		Project Descriptions	Project Start Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983						
								Author- ized	Contem- plated	1979	1980	1981	1982	1983
1	28810M	Rated Watermains	1979 1980	750		750 CF								
2		- Region's Portion												
3														
4	1979													
5	226													
1	28810N	Rated Watermains	1980 1981	900			900	900		400	500			
2		- Region's Portion												
3														
4	1980													
5	227													
1	28810O	Rated Watermains	1981 1982	1000			1000	1000		500	500			
2		- Region's Portion												
3														
4	1981													
5	228													
1	28810P	Rated Watermains	1982 1983	1100			1100	1100				500	600	
2		- Region's Portion												
3														
4	1982													
5	229													
1	28810Q	Rated Watermains	1983 1984	1100			650 450	450						450
2		- Region's Portion												
3														
4	1983													
5	230													
TOTAL SECTION				4850		750	650 3450	3450		400	1000	1000	1050	
TOTAL WATER WORKS SYSTEM														
- REGION'S PORTION				38401	4953	7843	1980 23625 9100	14525	6254	5506	3320	4455	4090	



FUNCTION - Environmental Services  
Water Works

## (000's)

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ANALYSIS OF REQUIREMENTS 1979 to 1983  
Author- Contem- 1979 1980 1981 1982 1983  
ized plated

		Project	Project		Gross	Other Receipts	Obtained	1984 & 1979		Author-	Contem-	1979	1980	1981	1982	1983
	Coding	Descriptions	Start	Finish	Cost	Amount	Code	Amount	Code	After	1983	ized	plated			
1	27729A	Ancaster Industrial	1979	1980	110						110		110			
2		Park Trunk Watermains														
3		- Construction														
4	1979	- Owner's Portion														
5	178															
1	29763A	Hwy. #53 from Shaver's	1980	1981	300					300		300			300	
2		Side Rd. to Fiddler's														
3		Green Rd., and on														
4	1980	Fiddler's Green Rd.														
5	200	from Hwy. #53 to														
		Cumming Crt.														
		- Construction														
		- Owner's Portion														
1	20750A	Waterdown Trunk	1981	1982	100					100		100			100	
2		Watermains														
3		- Construction														
4	1981	- Owner's Portion														
5	208															
1	21780A	Hwy. #53 from	1982	1983	100					100						
2		Southcote Road to														
3		Fiddler's Green Road														
4	1982	- Construction														
5	216	- Owner's Portion														
	TOTAL SECTION				610					100	510		510		110	400



## LOCAL IMPROVEMENTS

FUNCTION - Environmental Services  
Water Works

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
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Coding		Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983						
									Author- ized	Contem- plated	1979	1980	1981	1982	1983
1	30000D	Suburban Watermains	1979	1980	200			200	200	100	100				
2		-Owner's Portion													
3	1979														
4	221														
5															
1	30000E	Suburban Watermains	1980	1981	200			200	200		100	100			
2		- Owner's Portion													
3	1980														
4	222														
5															
1	30000F	Suburban Watermains	1981	1982	200			200	200			100	100		
2		- Owner's Portion													
3	1981														
4	223														
5															
1	30000G	Suburban Watermains	1982	1983	200			200	200				100	100	
2		- Owner's Portion													
3	1982														
4	224														
5															
1	30000H	Suburban Watermains	1983	1984	200			100 100	100						100
2		- Owners' Portion													
3	1983														
4	225														
5															
	TOTAL SECTION				1000			100 900	900	100	200	200	200	200	200



LOCAL IMPROVEMENTS  
 FUNCTION - Environmental Services  
 Water Works

CAPITAL BUDGET PROGRAM 1979 - 1983  
 ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
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Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Code	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983					
										Author- ized	Contem- plated	1979	1980	1981	1982
1 28810L 2 3 4 1978 5 231	Rated Watermains and Minor Improvements - Owner's Portion	1978	1979	637					637	637		637			
1 28810M 2 3 4 1979 5 226	Rated Watermains and Minor Improvements - Owner's Portion	1979	1980	850	100	O.P.F.P.			750		750	350	400		
1 28810N 2 3 4 1980 5 227	Rated Watermains and Minor Improvements - Owner's Portion	1980	1981	1100	100	O.P.F.P.			1000		1000		400	600	
1 28810O 2 3 4 1981 5 228	Rated Watermains and Minor Improvements - Owner's Portion	1981	1982	1200	100	O.P.F.P.			1100		1100		400	700	
1 28810P 2 3 4 1982 5 229	Rated Watermains and Minor Improvements - Owner's Portion	1982	1983	1300	100	O.P.F.P.			1200		1200			500	700





## LOCAL IMPROVEMENTS

FUNCTION - Environmental Services  
Water Works

CAPITAL BUDGET PROGRAM 1979 - 1983  
ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS  
(000's)

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## ANALYSIS OF REQUIREMENTS 1979 to 1983

Author- Contem- 1979 1980 1981 1982 1983  
ized plated

Coding	Project Descriptions	Project Start Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1984 & 1979 After 1983	Author- ized	Contem- plated	1979	1980	1981	1982	1983
1	28810Q	Rated Watermains and	1200	100	O.P.F.P.	650	450	450					450
2		Minor Improvements											
3		- Owner's Portion											
4	1983												
5	230												
	TOTAL SECTION		6287	500		650	5137	637	4500	987	800	1000	1150
	TOTAL WATER WORKS SYSTEM		46298	5453		7843	2830	30172	9737	20435	7341	6616	5440



LOT LEVIES



FUNCTION - Environmental Services  
Sewage and Water

## \*\*\*\*\*FINANCING\*\*\*\*\*

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		Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts		Previously Obtained Amount	Required 1984 & 1979 After 1983	ANALYSIS OF REQUIREMENTS 1979 to 1983					
Coding			Start	Finish		Amount	Code			Author-ized	Contem-plated	1979	1980	1981	1982
1	33901	OHC Sewer, Saltfleet	1973	1975	4580	4580	LL								
2		Community Development													
3		(to be adjusted for													
4	1973	1974)													
5	232														
1	38239	OHC Sewer, East	1971	1975	9246	7633	LL	1613	LL						
2	73-364	Mountain, Satellite													
3	H2394	City, (to be adjusted													
4	1971	for 1974)													
5	233														
TOTAL FUNCTION					13826	12213		1613							







